

What is claimed is:

- Stamp
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(772)*
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1. A linerless stamp comprising:
a paper layer having a first surface and an opposing second surface;
an adhesive layer adhered to the first surface of said paper layer;
an ink layer disposed on at least portions of the second surface of said paper layer;
a primer layer disposed on said ink layer and on any portions of the second surface of said paper layer not having said ink layer disposed thereon; and
a silicone layer disposed on said primer layer.
 2. The linerless stamp of Claim 1 further comprising a starch layer disposed between the first surface of said paper layer and said adhesive layer.
 3. The linerless stamp of Claim 1 wherein said adhesive layer comprises a pressure sensitive adhesive layer.
 4. The linerless stamp of Claim 1 wherein said primer layer is at least partially absorbed by any portions of the second surface of said paper layer upon which said primer layer is disposed, whereby said paper layer is sealed.
 5. The linerless stamp of Claim 1 wherein substantially none of said silicone layer is absorbed by said paper layer.
 6. A linerless stamp comprising:
- Xpert*

- a paper layer having a first surface and an opposing second surface;
a starch layer disposed on the first surface of said paper layer;
a pressure sensitive adhesive layer adhered to said starch layer;
an ink layer disposed on at least portions of the second surface of said paper
layer;
a primer layer disposed on said ink layer and on any portions of the second
surface of said paper layer not having said ink layer disposed thereon;
a silicone layer disposed on said primer layer; and
wherein said primer layer is at least partially absorbed by any portions of the
second surface of said paper layer upon which said primer layer is disposed, whereby
said paper layer is sealed, and wherein substantially none of said silicone layer is
absorbed by said paper layer.
7. A coil of stamps comprising;
a plurality of self-adhesive stamps detachably connected to each other end-to-end to form a continuous strip of stamps, said strip being wound about itself in spiral-like fashion, and having an inner end and an outer end; and
wherein said strip of stamps comprises a portion adjacent to the inner end of the strip having a piece of liner material disposed thereon, and a portion having no liner material thereon, whereby the portion having no liner material thereon allows said strip to be wound directly onto itself.
8. The coil of stamps of Claim 7 wherein said strip of stamps further comprises a portion adjacent to the outer end of the strip having a piece of liner material disposed

thereon in order to facilitate removal of the first stamp or group of stamps from said strip of stamps.

9. The coil of stamps of Claim 7 wherein each of the plurality of self-adhesive stamps comprises:

a paper layer having a first surface and an opposing second surface;

a pressure sensitive adhesive layer adhered to the first surface of said paper layer;

an ink layer disposed on at least portions of the second surface of said paper layer;

a primer layer disposed on said ink layer and on any portions of the second surface of said paper layer not having said ink layer disposed thereon; and

a silicone layer disposed on said primer layer.

10. The coil of stamps of Claim 9 wherein each of the plurality of self-adhesive stamps further comprises a starch layer disposed between the first surface of said paper layer and said pressure sensitive adhesive layer.

11. The coil of stamps of Claim 9 wherein said primer layer is at least partially absorbed by any portions of the second surface of said paper layer upon which said primer layer is disposed, whereby said paper layer is sealed.

12. The coil of stamps of Claim 9 wherein substantially none of said silicone layer is absorbed by said paper layer.

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Strips

13. A coil of stamps comprising;

a plurality of self-adhesive stamps detachably connected to each other end-to-end to form a continuous strip of stamps, said strip being wound about itself in spiral-like fashion, and having an inner end and an outer end, each of said plurality of stamps comprising:

a paper layer having a first surface and an opposing second surface;

a starch layer disposed on the first surface of said paper layer;

a pressure sensitive adhesive layer adhered to said starch layer;

an ink layer disposed on at least portions of the second surface of said

paper layer;

a primer layer disposed on said ink layer and on any portions of the

second surface of said paper layer not having said ink layer disposed thereon;

a silicone layer disposed on said primer layer;

wherein said primer layer is at least partially absorbed by any portions of

the second surface of said paper layer upon which said primer layer is

disposed, whereby said paper layer is sealed, and wherein substantially none

of said silicone layer is absorbed by said paper layer; and

wherein said strip of stamps comprises a portion adjacent to the inner end of

the strip having a piece of liner material disposed thereon, a portion adjacent to the

outer end of the strip having a piece of liner material disposed thereon and a portion

having no liner material thereon, whereby the portion having no liner material thereon

allows said strip to be wound directly onto itself.

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14. A system for packaging stamps, said system comprising:

a plurality of coils of stamps aligned end-to-end along a longitudinal common axis; and

a tube formed from a shrink-wrap material, said tube being shrink-wrapped around said plurality of coils of stamps and having a plurality of circumferential perforations therein, which perforations are located substantially adjacent to mating surfaces of adjacent coils of stamps for allowing coils of stamps to be separated from each other without removing the shrink-wrap material therefrom, and at least one longitudinal perforation for facilitating removal of the shrink-wrap material from the coils of stamps.

15. The system of Claim 14 wherein the at least one longitudinal perforation comprises two longitudinal perforations.

16. The system of Claim 14 wherein each of the plurality of coils of stamps comprises:

a plurality of self-adhesive stamps detachably connected to each other end-to-end to form a continuous strip of stamps, said strip being wound about itself in spiral-like fashion, and having an inner end and an outer end; and

wherein said strip of stamps comprises a portion adjacent to the inner end of the strip having a piece of liner material disposed thereon, and a portion having no liner material thereon, whereby the portion having no liner material thereon allows said strip to be wound directly onto itself.

17. The system of Claim 16 wherein each of the plurality of coils of stamps further comprises a portion adjacent to the outer end of the strip having a piece of liner

material disposed thereon in order to facilitate removal of the first stamp or group of stamps from said strip of stamps.

18. The system of Claim 16 wherein each of the plurality of self-adhesive stamps comprises:

a paper layer having a first surface and an opposing second surface;

a pressure sensitive adhesive layer adhered to the first surface of said paper layer;

an ink layer disposed on at least portions of the second surface of said paper layer;

a primer layer disposed on said ink layer and on any portions of the second surface of said paper layer not having said ink layer disposed thereon; and

a silicone layer disposed on said primer layer.

19. The system of Claim 18 wherein each of the plurality of self-adhesive stamps further comprises a starch layer disposed between the first surface of said paper layer and said pressure sensitive adhesive layer.

20. The system of Claim 18 wherein said primer layer is at least partially absorbed by any portions of the second surface of said paper layer upon which said primer layer is disposed, whereby said paper layer is sealed.

21. The system of Claim 18 wherein substantially none of said silicone layer is absorbed by said paper layer.

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22. A method for creating linerless stamps comprising the steps of:
providing a paper layer having a first surface and an opposing second surface;
adhering an adhesive layer to the first surface of the paper layer;
disposing an ink layer on at least portions of the second surface of the paper
layer;
disposing a primer layer on the ink layer and on any portions of the second
surface of the paper layer not having the ink layer disposed thereon; and
disposing a silicone layer on the primer layer.
23. The method of Claim 22 further comprising the step of disposing a starch layer
between the first surface of the paper layer and the adhesive layer.
24. The method of Claim 22 wherein the adhesive layer comprises a pressure
sensitive adhesive layer.
25. The method of Claim 22 wherein the primer layer is at least partially absorbed
by any portions of the second surface of the paper layer upon which the primer layer is
disposed, whereby the paper layer is sealed.
26. The method of Claim 22 wherein substantially none of the silicone layer is
absorbed by the paper layer.
27. A method for creating linerless stamps comprising the steps of:
providing a paper layer having a first surface and an opposing second surface;
disposing a starch layer on the first surface of the paper layer;

adhering a pressure sensitive adhesive layer to the starch layer;
disposing an ink layer on at least portions of the second surface of the paper
layer;
disposing a primer layer on the ink layer and on any portions of the second
surface of the paper layer not having the ink layer disposed thereon;
disposing a silicone layer on the primer layer; and
wherein the primer layer is at least partially absorbed by any portions of the
second surface of the paper layer upon which the primer layer is disposed, whereby
the paper layer is sealed, and wherein substantially none of the silicone layer is
absorbed by the paper layer.

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